

# COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)  
Week 52 (12/26/2021- 01/01/2022)

COCONINO COUNTY  
*January 7, 2022*



# Situation Summary

MMWR Week 52 (12/26/2021-01/01/2022)

**A total of 28,790 positive COVID-19 cases have been reported among Coconino County residents from March 15, 2020 – January 1, 2022.**

**Deaths: 400** (1.4% of cases)

**Probable Deaths: 5**

**Recovered Cases: 25,452**

(88% of cases)

**Hospitalizations: 1,903**

(6.6% of cases)

**Total Fully Vaccinated: 76,444**

(57.0% of the eligible population)

**Total Booster/Additional Doses: 25,863**

(33.8% of fully vaccinated)

## Cases Reported Week 52 (December 26, 2021 - January 1, 2022):

**1,458  
Positive  
Cases**

**49%  
Not Fully  
Vaccinated**

**1,030.5  
Rate per  
100,000**

**25.6%  
Positivity  
Yield**

**13.9%  
COVID-Like  
Illness\*\***

## Community Transmission

Coconino County is currently at a **High** \*\* level of community transmission.

Indicator	Low Transmission	Moderate Transmission	Substantial Transmission	High Transmission
Total new cases per 100,000 persons in the last 7 days	0-9	10-49	50-99	≥100
Percentage of PCR tests that are positive during the past 7 days	<5.0%	5.0% - 7.9%	8.0% - 9.9%	≥10.0%

The Arizona Department of Health (ADHS) defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

\* CLI is reported using hospital surveillance at the county level. Banner Page and Flagstaff Medical Center are reporting CLI.

\*\* CDC defines level of community transmission based on the highest-level indicator for the current reporting week.

## Cumulative Counts (March 15, 2020 – January 1, 2022):

28,790  
Positive  
Cases

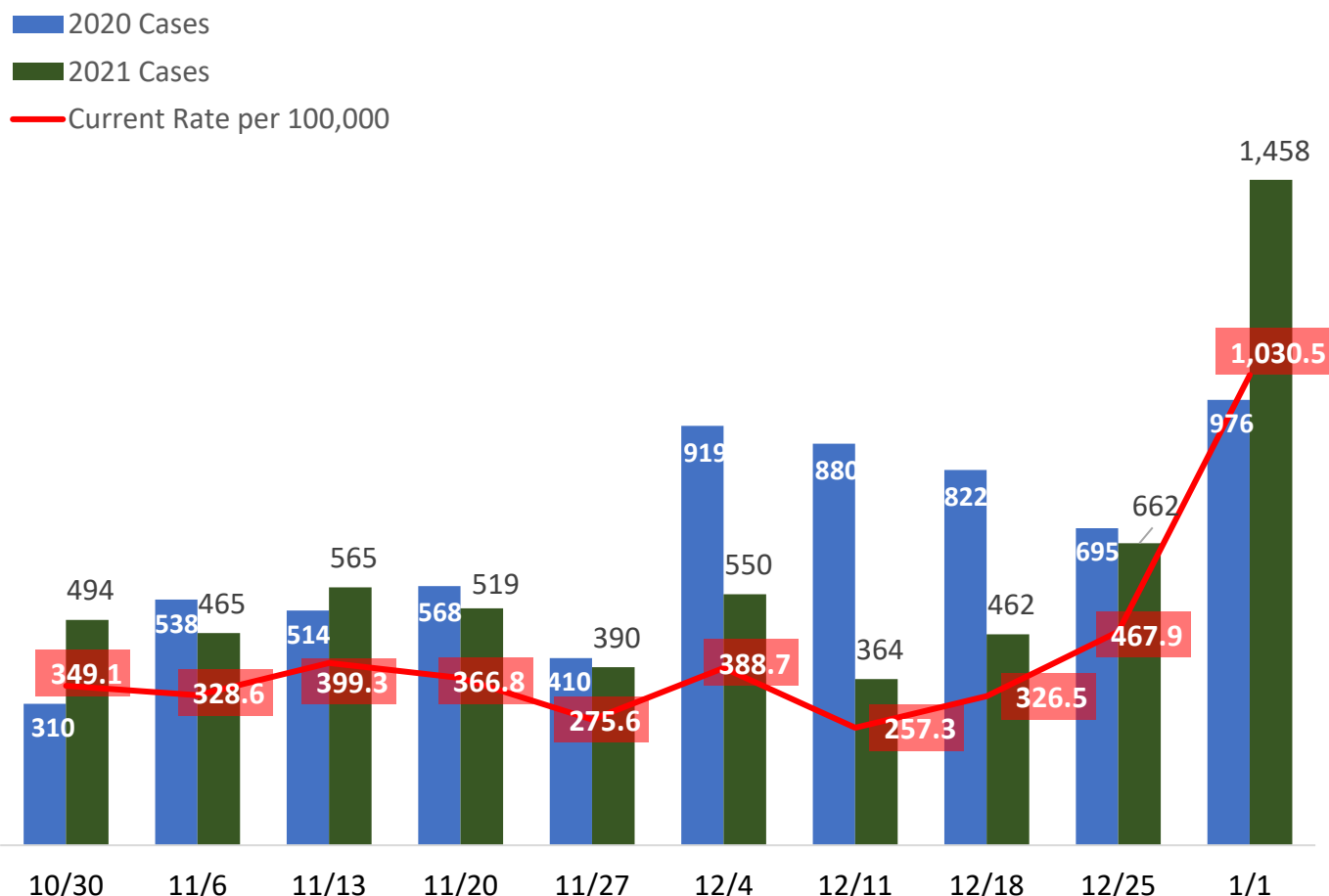
395,756  
Total  
Tests

121,205  
People  
Tested

12.2%  
Positivity  
Yield

**20,347.9 cases per 100,000 Coconino County Residents**  
**vs.**  
**19,746.3 cases per 100,000 Arizona Residents**

## Weekly Case Counts Among Coconino County Residents:

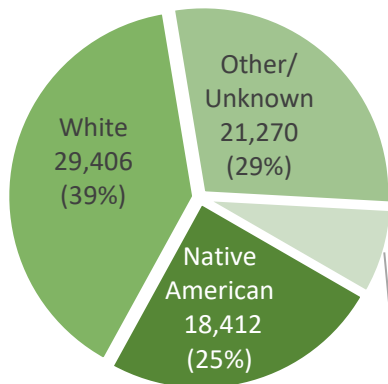


# COVID-19 Situation Summary\*

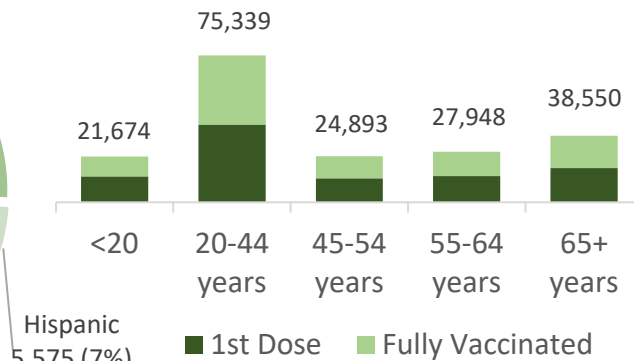
Please visit Vaccine Administration at [azdhs.gov](https://azdhs.gov) for additional Coconino County vaccine data.

## COVID-19 Vaccinations Among Coconino County Residents:

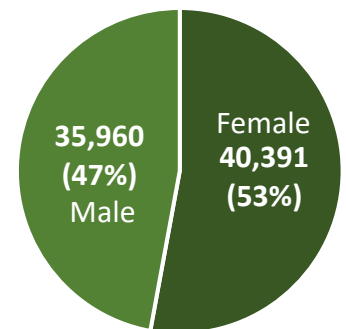
### Fully Vaccinated by Race\*\*



### Vaccinations by Age

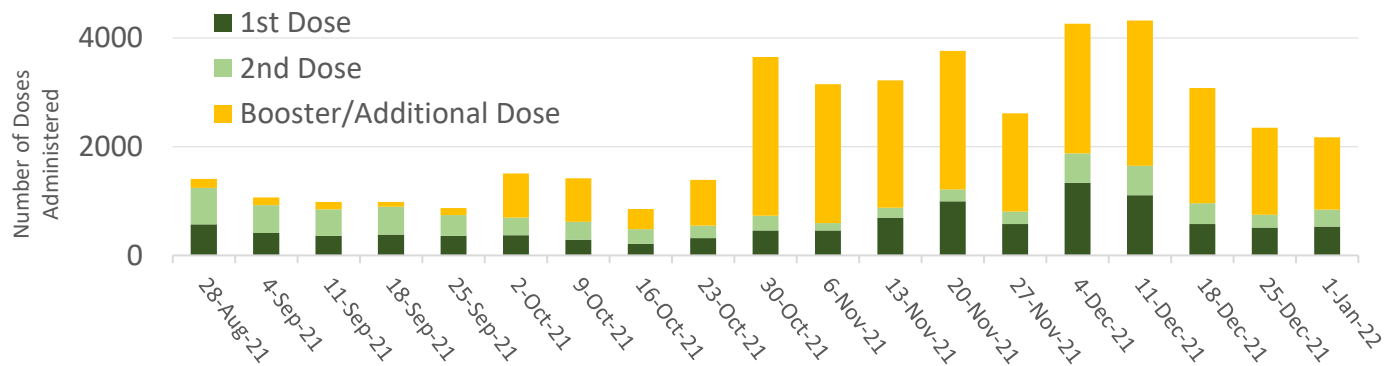


### Fully Vaccinated by Sex



\*\*The following races account for less than 2% of total vaccinations:  
Asian or Pacific Islander (1,214) and Black or African American (567).

## Weekly Vaccine Counts Among Coconino County Residents:



## Vaccinations by Residency:

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 <sup>†</sup>
Flagstaff	55,388	48,853	53,954
86001/86005	31,167	27,446	58,900
86004	23,196	20,504	59,997
86011	1,025	903	9,241

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 <sup>†</sup>
Page	6,172	5,822	81,472
Tribal Communities	17,075	15,138	66,699
Williams	2,766	2,452	45,441
Grand Canyon	1,827	1,602	71,710
Other Areas	2,869	2,577	35,535

<sup>†</sup>Population estimates include residents aged 5 and older.

Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

\*Vaccinations reported from 12/01/20-1/1/22

# COVID-19 Situation Summary\*

## Location:

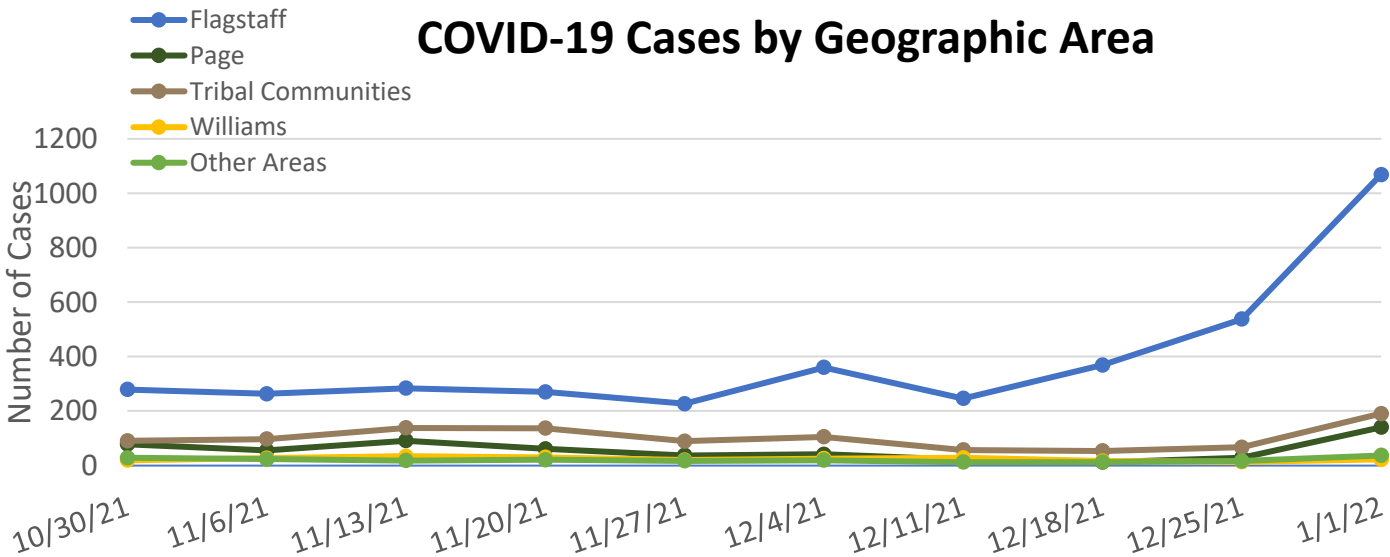
Location	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated†
Flagstaff	18,021	18,877	10.3%	48,853	54.0%
Page	2,066	27,433	18.8%	5,822	81.5%
Tribal Communities	6,395	25,976	15.5%	15,138	66.7%
Williams	1,063	18,665	17.4%	2,452	45.4%
Grand Canyon	284	11,190	14.0%	1,602	71.7%
Other Areas	961	17,030	13.7%	2,577	35.5%

†Population estimates include residents aged 5 and older.  
Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.



### Key Take Away

- The highest **case incidence** for week 52 was observed in Page and Flagstaff with an incidence of 1,859.0 and 1,119.8 per 100,000, respectively.
- The **lowest cumulative** percentage of the population **fully vaccinated** was observed in **Williams**.



\*Cases reported from 3/15/20-1/1/22

## Age:

Age	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated <sup>‡</sup>
<20 years	6,719	16,465	12.6%	9,064	26.9%
20-44 years	13,930	26,686	12.4%	31,565	60.5%
45-54 years	3,104	21,131	13.2%	10,088	68.7%
55-64 years	2,681	16,156	11.8%	11,056	66.6%
65+ years	2,356	13,873	10.0%	14,671	86.4%

<sup>‡</sup>Population estimates include residents aged 5 and older.

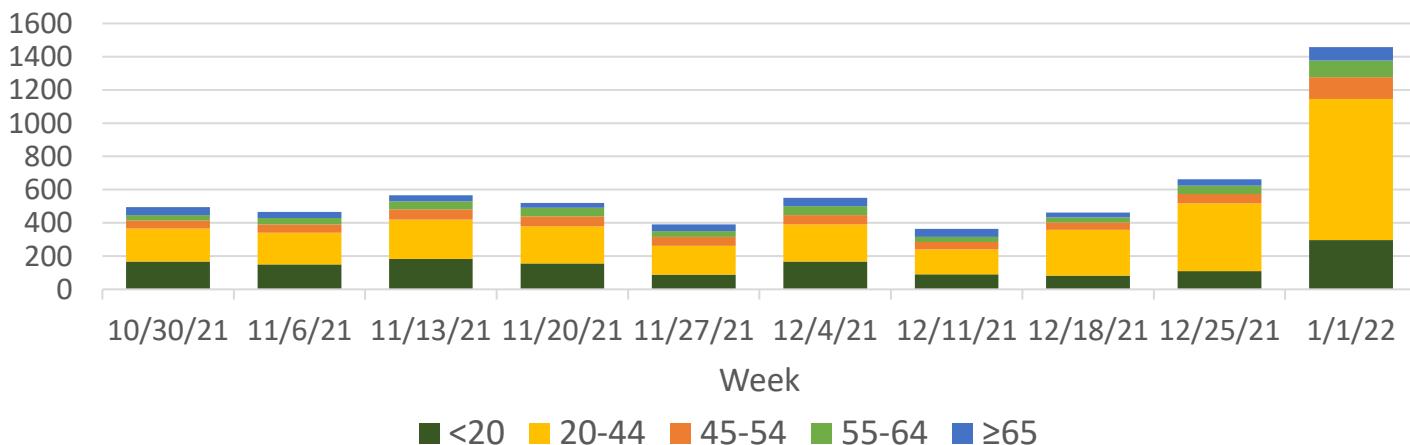
Vaccination data of Sedona residents have been excluded from Age calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

## The median age of Coconino County COVID-19 cases is 30 years old

### Key Take Away

- The highest **case incidence** for week 52 was observed among residents aged 20-44 with an incidence of 1,625 per 100,000.
- The highest **positivity yield** for week 52 was observed among residents aged 20-44 with a positivity yield of 29.0%.
- The **highest** cumulative percentage of the population **fully vaccinated** was observed among residents aged 65+.

## Age of Positive Cases by Week



\*Cases reported from 3/15/20-1/1/22

## Race/Ethnicity:

Race/ Ethnicity	Confirmed Cases	Case Incidence per 100,000	Fully Vaccinated	% of the Population Fully Vaccinated <sup>‡</sup>
Native American	9,819	26,979	18,412	50.6%
White	10,602	13,884	29,406	37.8%
Hispanic	4,243	21,288	5,575	28.8%
Black or African American	349	22,145	567	24.5%
Asian/ Pacific Island	407	14,166	1,214	37.7%
Other/ Unknown	3,370	N/A	21,270	N/A

<sup>‡</sup>Population estimates include residents aged 5 and older.

Vaccination data of Sedona residents have been excluded from Race/Ethnicity calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.



### Key Take Away

- The **lowest cumulative percentage** of the population fully vaccinated was observed in **Black or African American** residents. The **highest cumulative percentage** of the population fully vaccinated was observed among **Native American** residents.

## Sex:

Sex	Confirmed Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of the Population Fully Vaccinated <sup>‡</sup>
Female	14,779	20,674	11.1%	40,391	59.2%
Male	13,925	19,953	13.3%	35,960	54.5%

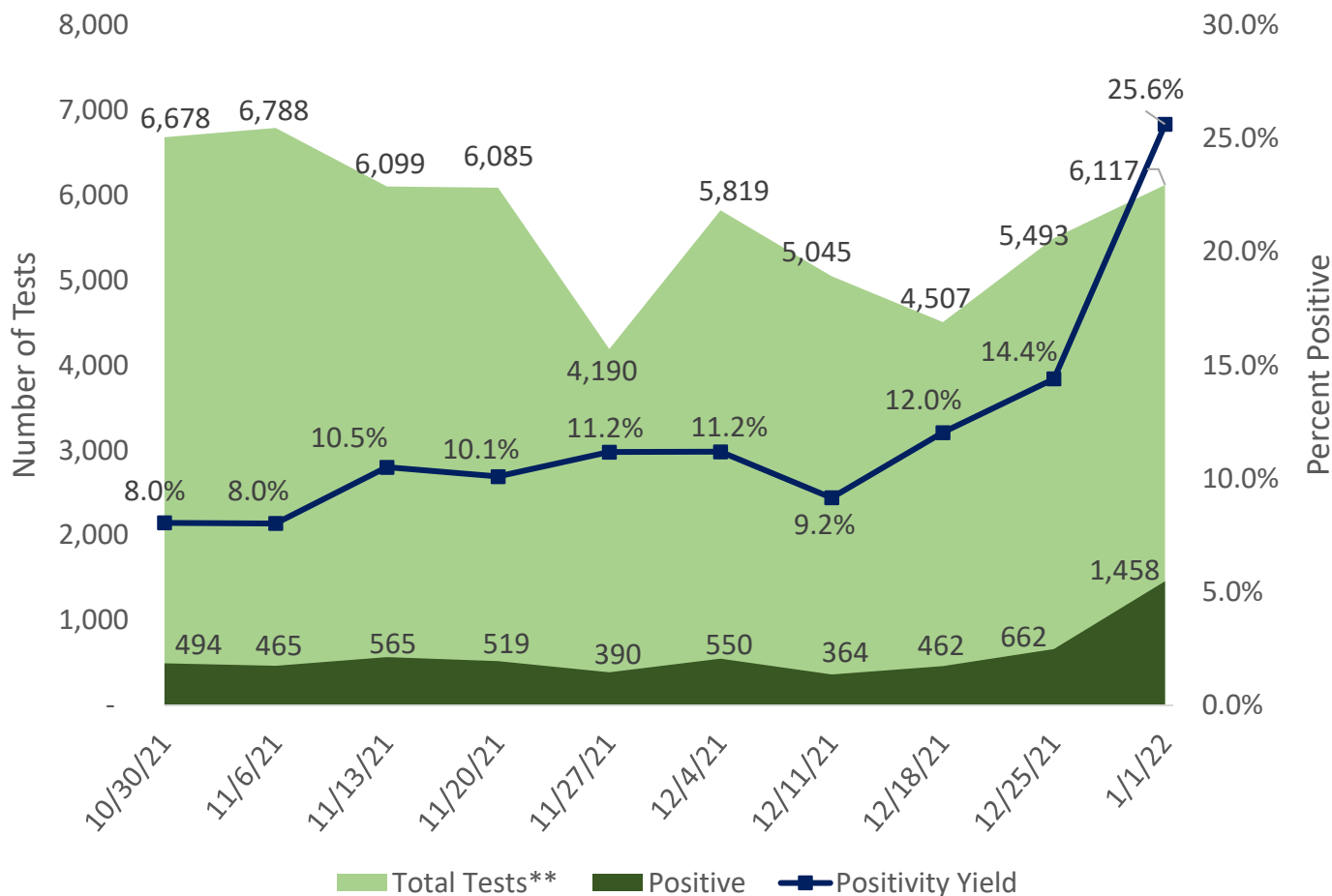
<sup>‡</sup> Population Estimates include residents aged 5 and older



### Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 29% more tests than male residents.
- Male residents have higher testing positivity yields.

## COVID-19 TESTING BY WEEK:



\*Percent positivity was calculated using only ELR data due to insufficient reporting.

\*\*Data was changed to display total tests per week rather than number of people tested per week.

### COVID-19 Diagnostic Testing:

**People Tested:** A total of 121,205 Coconino County residents have been tested.

**Tests Conducted:** A total of 395,756 tests have been conducted among Coconino County residents.

**Investigations:** The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed 10,555**

**Monitoring:** The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

- **Currently being monitored: 73 (As of 1/1/22)**
- **Total individuals monitored to date: 10,228**



## Hospitalizations

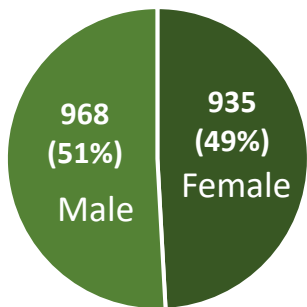
(not all hospitals are currently reporting hospitalization data to Coconino County):

Percentage of  
Cases  
6.6%

Hospitalized  
1,903

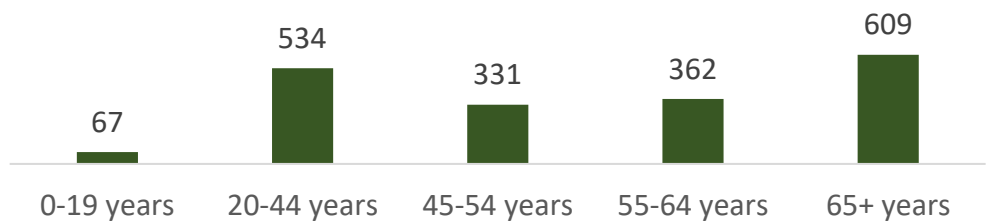
Hospitalizations  
Per 100,000  
1,345

### Sex



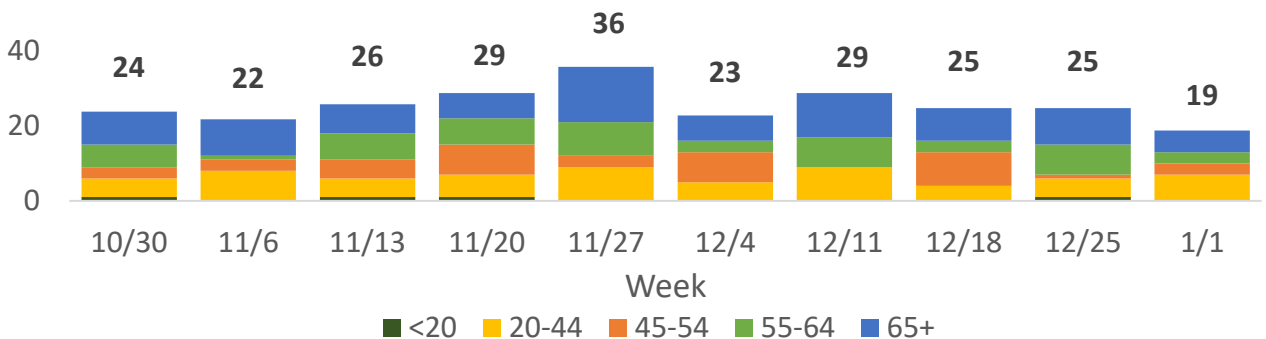
15% of hospitalized residents were in the ICU and 6% were intubated.

### Hospitalized Coconino COVID-19 Patients by Age

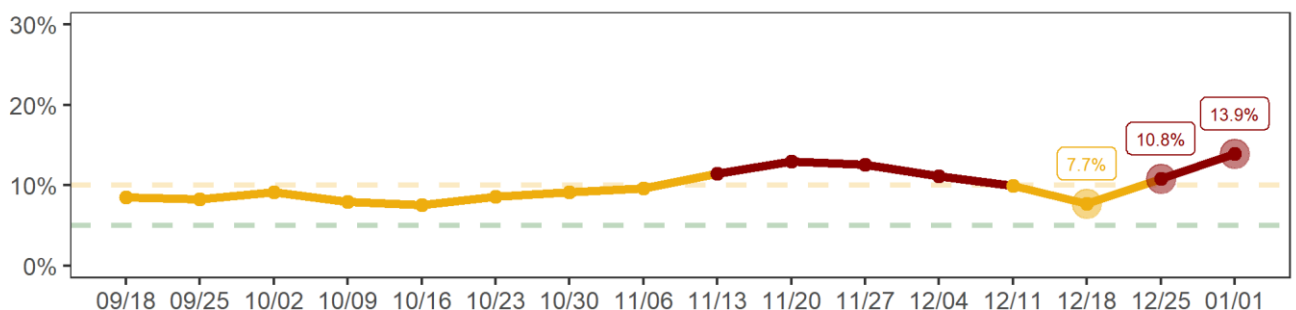


## Weekly Case Counts Among Coconino County Residents:

### Hospitalized Coconino COVID-19 Patients by Age



## Hospital Visits with COVID-Like Illnesses Among Coconino County Residents:



\*Cases reported from 3/15/20-1/1/22

CLI Graph represents data from hospital surveillance at the county level. Not all county hospitals are reporting CLI.

# COVID-19 Situation Summary\*

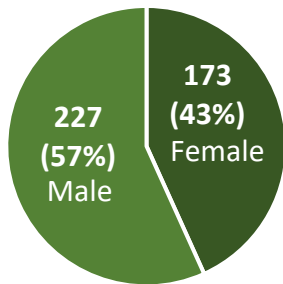
## COVID-19 Related Deaths:

Percentage of  
Cases  
1.4%

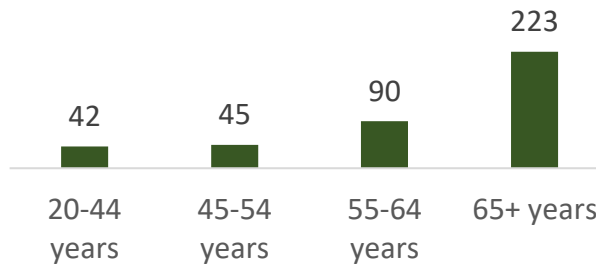
Deaths  
400

Fatalities  
Per 100,000  
282.7

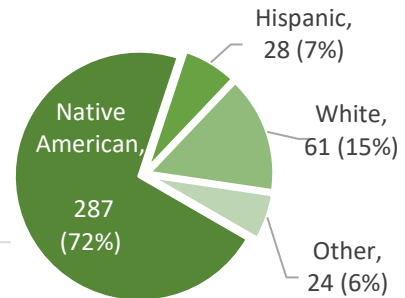
### Sex



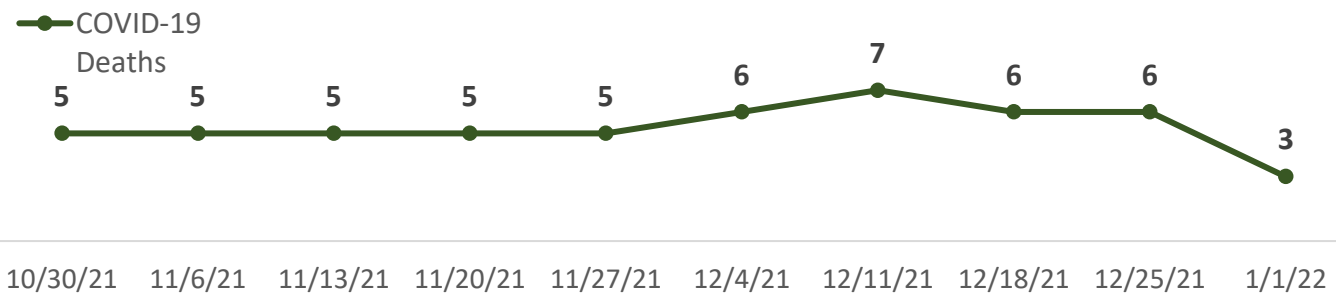
### Coconino COVID-19 Deaths by Age



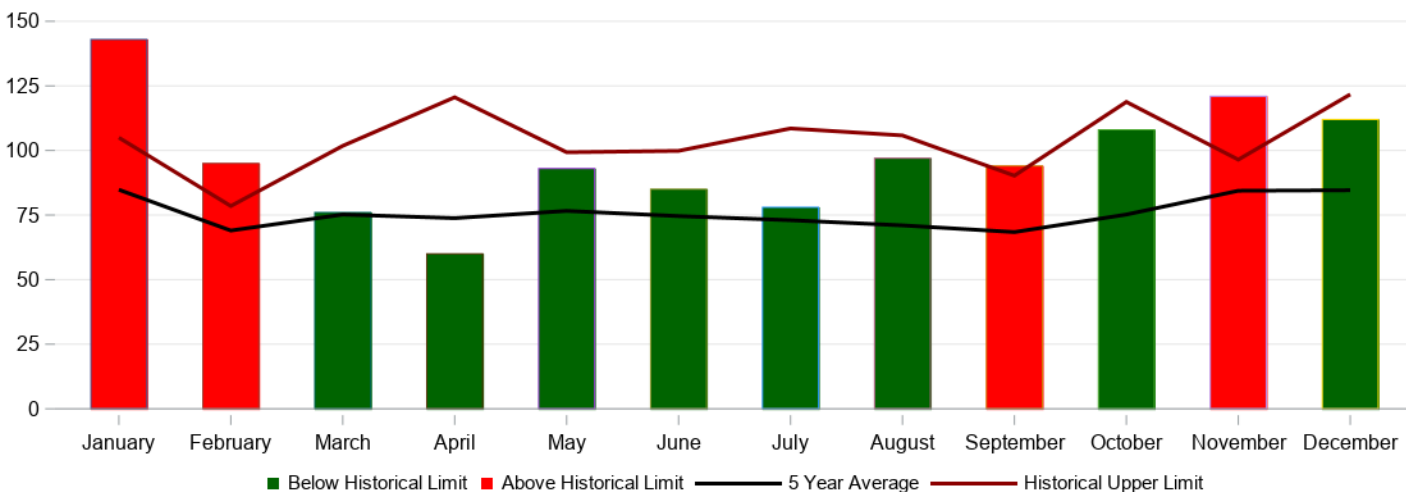
### Race



## Weekly COVID-19 Deaths Among Coconino County Residents:



## 2021 All Deaths Aberration



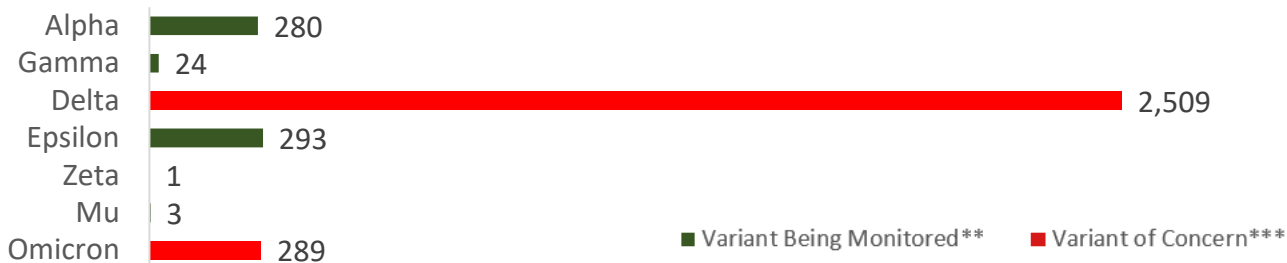
\*Cases reported from 3/15/20-1/1/22

# COVID-19 Situation Summary\*

\*Cases reported from 3/15/20-1/1/22

## COVID-19 Variants:

### Total Variants Being Monitored\*\* and Variants of Concern\*\*\*



**\*\*Variants Being Monitored** include variants for which there are data indicating a potential or clear impact on approved or authorized medical countermeasures or that has been associated with more severe disease or increased transmission but are no longer detected or are circulating at very low levels in the U.S, and as such, do not pose a significant and imminent risk to public health in the U.S.

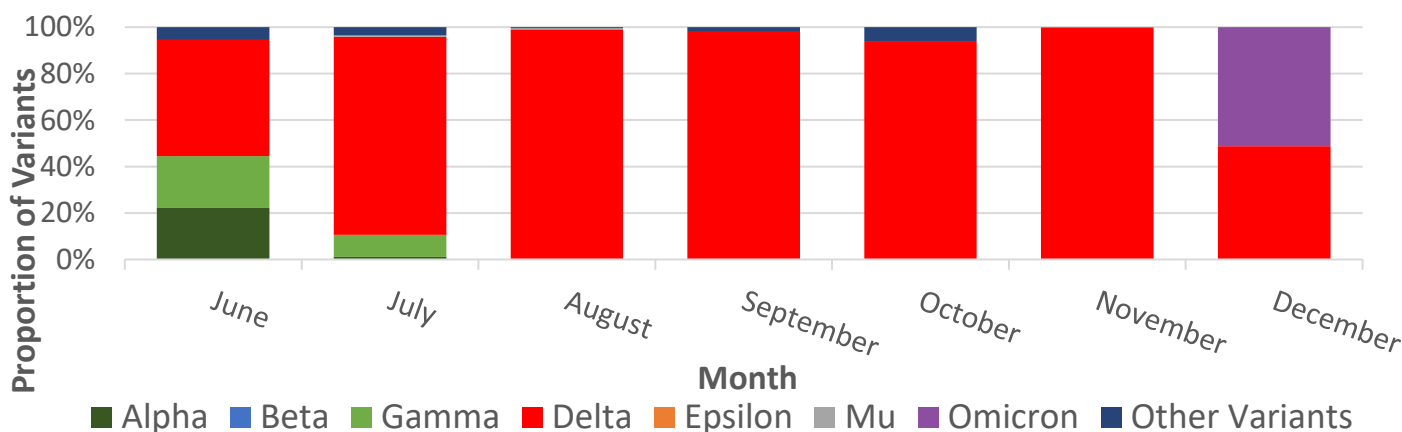
**\*\*\* Variants of Concern** include variants for which there is evidence of an increase in transmissibility, more severe disease (e.g., increased hospitalizations or deaths), significant reduction in neutralization by antibodies generated during previous infection or vaccination, reduced effectiveness of treatments or vaccines, or diagnostic detection failures.

For more information about SARS-CoV-2 variants, please visit the CDC webpage:

[SARS-CoV-2 Variant Classifications and Definitions \(cdc.gov\)](https://www.cdc.gov/sars-cov-2/variant-classifications-and-definitions.html)

84% of identified variants of concern are among Flagstaff residents.

### Variants Being Monitored and Variants of Concern by Month



**4,594 positive SARS-CoV-2 samples from Coconino County residents have been sequenced by partnering laboratories to identify circulating variants.**

## Vaccine Breakthrough<sup>†</sup>:

**Total Vaccine Breakthrough Cases: 3,784**

(13.1% of all cases)

**Vaccine Breakthrough Cases with Variant of Concern: 897**

(24% of vaccine breakthrough cases)

<sup>†</sup>Defined as testing positive for COVID-19 after meeting the designation of fully vaccinated. Information received from report produced by ADHS. For more information regarding variant testing in Arizona, please visit the TGen website: [AZ COVID-19 Sequencing Dashboard \(tgen.org\)](https://tgen.org/AZ-COVID-19-Sequencing-Dashboard)